

Remember to share your copy of HF Happenings with your radio amateur friends and club members - even those you do not like.



## *How to Deal With Intruders on Our Bands*

The SARL receives many complaints about people not authorised to use the amateur bands, pirates at sea, truckers and broadcasting stations.

To deal with this effectively the following information is required: times operating, frequency and possible identification. If it is a broadcasting station the name of the station, location etc plus a sound recording on MP3. In other words as much information is needed as possible and a recording is essential.

The IARU has a world wide monitoring systems called IARUMS. The SARL inputs information to the system and where possible several members of IARUMS report these incidences to their national monitoring service, which takes it up on a Government-to-Government level.

If the intrusion is from a local source the SARL will take it up with ICASA, for example a trucking company operates illegally on the 20 metre amateur band. By listening and recording the conversation, we need to learn which company owns the truck to enable action to be taken. We have been successful in the past. It requires lots of monitoring to collect all the information needed.

Report any intrusion to [secretary@sarl.org.za](mailto:secretary@sarl.org.za) but ensure that the required details are included as well as a MP3 recording. Let us keep our bands free from intruders. With your help, we can go a long way.

## *EMC Standards Now Published*

ICASA has published a list of EMC standards in the Government Gazette of 22 January 2010. This means that immunity requirements will be mandatory for all electronic products from 22 January 2011.

SARL members can download a copy of the Gazette from the member's section of the SARL web pages. The document is divided into two sections. Sections 1 - 9 dealing with the legal issues and details of the structure while section 10 is the official listing of ICASA Regulated Standards for technical equipment and electronic communication facilities.

In Amateur Radio Mirror International, on the air his morning (Sunday) at 10:00, there will be a discussion with Eric Winter of EMC Assist, a consultancy specializing in EMC issues. Frequencies and rebroadcast times are given at the end of this bulletin, or visit [www.sarl.org.za](http://www.sarl.org.za) and click on ARMI.

## *2009 IARU HF Championships*

I see that 3 665 logs were submitted for the 2009 IARU HF Championships, 7 of those logs came from South Africa and 1 from Namibia.

In the HQ and Administrative Council Report, ZSOHQ appears with 10 710 points and Dennis, ZS4BS with 132 points. Six members of the Region 1 E.C. appear in the listing.

In the Continental Leaders by Category, I find Gary, ZS5NK, with 9 030 points - low power, phone only; V55X, operated by Andrew, V51YJ, with 10 863 points - high power, phone only; ZS6WR operated by Joop, ZS6C, 9 450 points -



high power, phone only and Barney, ZS4U, with 151 074 points - high power, CW only.

The full set of results is not yet available on the ARRL web site, so I cannot report on Jacques, ZS1JY, and the Bloemfontein Defence ARC, ZS9X.

Congratulations to the winners and well done to all who subkitted logs.

### *Antique Wireless Association CW Activity Day*

Congratulations to Pierre, ZS6BB, on scoring the most points again in the AWA CW Activity day. Once again, Pierre showed his prowess not by making the most QSOs but by using QRP to score the most points.

The results are as follows:

1<sup>st</sup> Pierre van Deventer, ZS6BB - 48 points

2<sup>nd</sup> Jan Botha, ZS4JAN - 34 points

3<sup>rd</sup> Adrian Ellison, ZS1TTZ - 11 points

4<sup>th</sup> Barrie, ZS6AJY - 9 points

Check log ZS0AWA - 8 points.

There were 27 stations recorded in the activity - 7Q7BU, ST2AR, Z21DXI, ZS1RC, ZS1TTZ, ZS1JX, ZS1WA, ZS1EL, ZS1JER, ZS1REC, ZS2BST, ZS2DL, ZS2BK, ZS2EZ, ZS3AOR, ZS4JAN, ZS5JON, ZS5DM, ZS6AJY, ZS6BNE, ZS6BB, ZS6BUU, ZS6BTY, ZS6MHH, ZS6BK, ZS6MHH and ZS0AWA. Our congratulations and thanks to all who took part.

### *Iceland gets access to 4 and 600 metres*

Jónas Bjarnason, TF2JB, President of Islenskir Radioamatorar (IRA) reports that Iceland has received access to the 4 and 600 metre bands.

On 19 February 2010, the Post and Telecom Administration in Iceland granted a temporary experimental access to the 4 metre band in Iceland. The permit is valid until 31 December 2010.

The frequency span is 70,000 - 70,200 MHz. Access is granted on a secondary basis. Maximum bandwidth is 16 kHz and power limit is 100 W. Licensees need to apply to the PTA for a special license. The experimental license is open to both "N" and "G" license classes.

On 19 February 2010, the Post and Telecom Administration in Iceland granted a temporary experimental access to the 600 metre band in Iceland. The permit is valid until 31 December 2010.

The frequency span is 493 - 510 kHz. Access is granted on a secondary basis, CW only. Power limit is 100 W. Licensees need to apply to the PTA for a special license. The experimental license is open to both "N" and "G" license classes.

### February 2010

ZS10WCS operated by the Bloemfontein RAC

2 World Wetland's Day

3 Closing date 80 m Club Contest logs

4 World Cancer Day

6 SMT Course, Durban; AWA CW Activity Day

7 AWA CW Activity Day

13 SARL National Field Day; CQ WPX RTTY contest

14 Valentine's Day

14 SARL National Field Day; CQ WPX RTTY contest

17 Ash Wednesday

20 SMT Course, Port Elizabeth; ARRL CW DX contest

21 ARRL CW DX contest

22 Closing date AWA CW Activity logs

26 Mawlid al-Nabi; CQ WW SSB 160 m contest

27 CQ WW SSB 160 m contest

28 CQ WW SSB 160 m contest; closing date PEARS VHF/UHF logs





## No Garden Work in March

Looking at the contesting activities for March, there will not be much time for mowing lawns, washing cars and other tasks in and around the house.

The ARRL SSB DX Contest will be run on the weekend of 6 and 7 March. On Sunday 7 March, the annual SARL Hamnet 40 metre Simulated Emergency Contest will be run. This phone contest runs from 12:00 to 14:00 UTC on the band segment 7,060 to 7,100 MHz.

The RSGB Commonwealth Contest is on the air on the weekend of 13 and 14 March and is a CW only contest.

The SARL VHF/UHF Digital Contest starts at 16:00 UTC on Friday 19 March with the first session ending at 12:59 UTC on Saturday 20 March. The second session starts at 13:00 UTC on Saturday and ends at 12:00 UTC on Sunday 21 March.

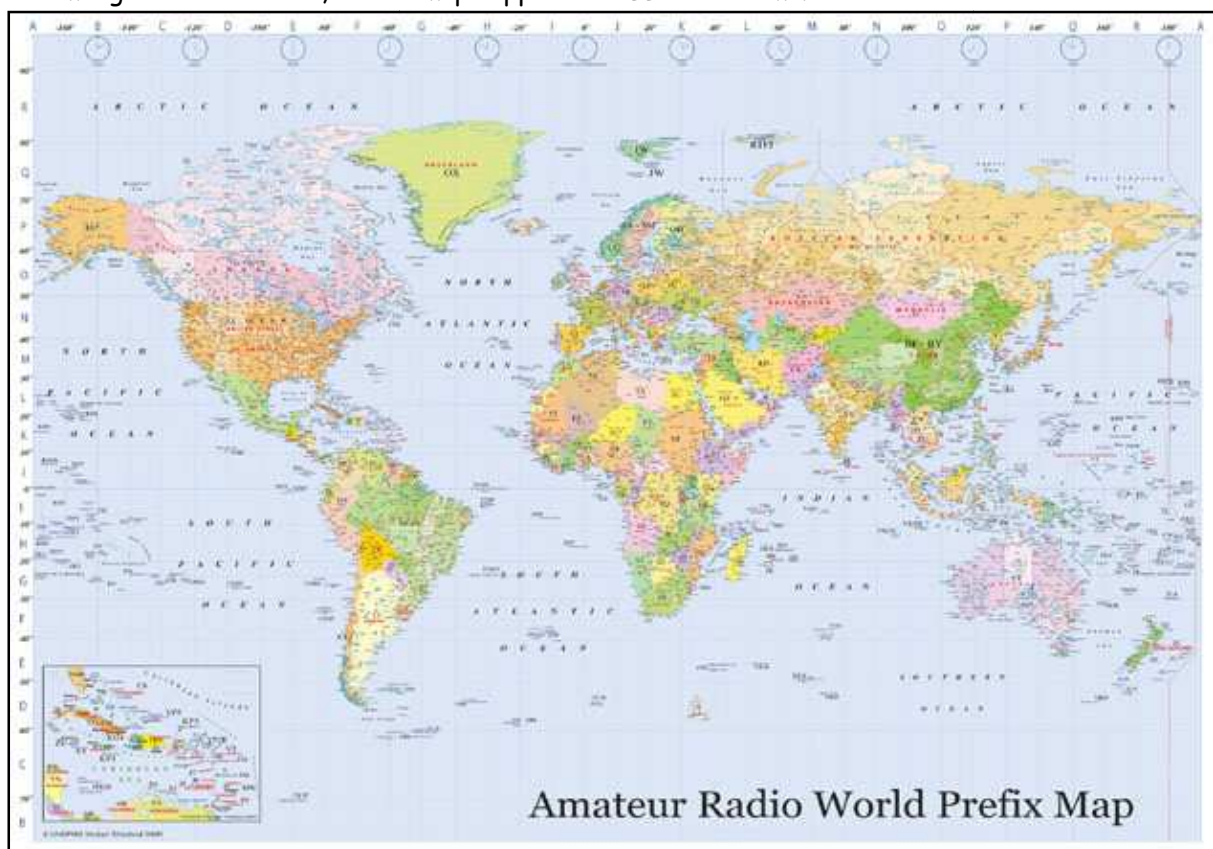
The SARL VHF/UHF Analogue Contest starts at 10:00 UTC on 20 March and ends at 10:00 UTC on 21 March.

The CQ WW WPX Phone Contest will be run over the weekend of 27 and 28 March. The objective is to work as many prefixes as possible on 160, 80, 40, 20, 15 and 10 metres.

On Wednesday 31 March, the second SARL Club Championship contest will be run using PSK and RTTY. The same station may be worked once on PSK and once on RTTY.

## Amateur Radio World Prefix Maps

Michael Whitehead, GMOPHW, [www.hamcall.co.uk](http://www.hamcall.co.uk) says, "We have produced an Amateur Radio World Prefix Map, which are unbranded, i.e. there are no logo's on the maps. We have found that Radio Amateurs who own a Yaesu transceiver do not want a map that has a Kenwood or Icom logo and vice versa, so our maps appeal to ALL radio hams."



Our finished maps measure approximately 39" x 27" [100 x 69 cm] and are printed on photo quality silk paper, we have sold our maps all over the world, this includes USA, Canada,

"Education is the most powerful weapon which you can use to change the world." Nelson Mandela







UAE, Russia, Australia, New Zealand, Martinique and all over Europe to name but a few, they have been a great success. We recently supplied 1000 to an American company (late last year) after they viewed a sample we had sent them.

Our latest maps were updated and produced late 2009 and are now available, our maps are printed on professional litho printing machines using photo quality paper to the highest standard. Should any of your members' show an interest, the cost is £6.50 + £3.50 recorded delivery postage, which includes insurance.

We can supply 10 maps at a discounted price of £50 plus postage to one address for £10.50 this is a saving of over £30 compared to single map purchases. I can be contacted via email or by calling me on the following number Mobile +44 (0) 7722 929 757 or e-mail gm0phw@hamcall.co.uk. I am ok in any call book and QRZ.com.

### *DX from Africa*

Madagascar, 5R - AF-057. Michele, IK5ZUI, moved to his new home on Nosy Be Island (AF-057) and will be active from there as 5R8UI for about one year.

Mozambique, C9. David, GI4FUM, EI4DJ, 3DA0DJ, says, "I am planning to run a DXpedition to the Maputo area of Mozambique for JOTA 2010 and CQ WW SSB in October 2010. I have previously operated as 3DA0SS from Hawane in Swaziland for JOTA 2008.

Details of the DXpeditions to Southern Africa can be found on the CQ DX African Safari web site at <http://www.3da0ss.net/>

### *Special Event Stations*

Belgium. The special event station, ON30ON, will be active to commemorate the 30<sup>th</sup> edition of the Belgian "ON Contest" during the months of March, April, September and October 2010. The contest was first organised in 1980 to celebrate the 150<sup>th</sup> anniversary of the Kingdom of Belgium. QSLs for ON30ON go via the UBA bureau or direct to ON4CAS.

A special free certificate is available in the PDF format. Full details are available at <http://users.telenet.be/egbert.hertsen/on30on.html>

### *Contest Calendar*

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 22 February to 1 March 2010.

NCCC Sprint Ladder  
02:30 - 03:00 UTC 26 February  
Mode: CW  
Bands: 160, 80, 40 and 20 m  
Classes: Single Op  
Max power: 100 watts  
Exchange: (see rules)  
Work stations: Dupes allowed after at least one intervening QSO  
QSO Points: NA station: 1 point per QSO;  
non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band  
Score Calculation: Total score = total QSO points x total mults  
Submit logs by: 28 February 2010  
E-mail logs to: (none)  
Post log summary at:  
<http://www.hornucopia.com/3830score/>  
Mail logs to: (none)  
Find rules at:

"Education is the most powerful weapon which you can use to change the world." Nelson Mandela





<http://www.ncccsprint.com/rules.html>

#### CQ 160 Metre SSB Contest

22:00 UTC 26 February to 21:59 UTC 28 February

Mode: SSB

Bands: 160 m Only

Classes: Single Op - QRP, Low or High; Single Op Assisted - High; Multi-Op

Max operating hours: Single Op: 30 hours; Multi-Op: 40 hours

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: W/VE: RS and state or province; DX: RS and CQ Zone

QSO Points: 2 points per QSO with own country; 5 points per QSO with other countries on same continent; 10 points per QSO with other continents; 5 points per QSO with maritime mobile

Multipliers: Each US state, excluding KH6 / KL7; Each VE area; Each DXCC country, including KH6 / KL7

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 March 2010

E-mail logs to: 160ssb[at]kkn[dot]net

Mail logs to: CQ 160-Meter Contest, 25 Newbridge Road, Hicksville, NY 11801, USA

Find rules at:

[http://cq-amateur-radio.com/160\\_Rules\\_2010EmsNov09.pdf](http://cq-amateur-radio.com/160_Rules_2010EmsNov09.pdf)

#### REF SSB Contest

06:00 UTC 27 February to 18:00 UTC 28 February

Mode: SSB

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op All Band - QRP, Low or High; Single Op Single Band - QRP, Low or High; Multi-Single - QRP, Low or High; Club; SWL

Max operating hours: Single Op: 28 hours in no more than 3 increments of at least 1 hour each

Max power: HP: >100 Watts; LP: 100 Watts; QRP: 5 Watts

Exchange: French: RS and Department / Prefix; non-French: RS and Serial No.

Work stations: Once per band

QSO Points: French: 6 points per QSO with French station same continent; 15 points per QSO with French station on different continent; 1 point per QSO with non-French station same continent; 2 points per QSO with non-French station on different continent; non-French: 1 point per QSO with French station same continent; 3 points per QSO with French station on different continent

Multipliers: French/Corsica departments once per band; French overseas prefixes once per band; non-French DXCC countries once per band (available only to French stations)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 March 2010

E-mail logs to: cdfssb[at]ref-union[dot]org

Mail logs to: F6IRF, Destrem Patrick, Route de Peignat, F-74150 Marcellaz Albanais, France

Find rules at:

[http://concours.ref-union.org/reglements/actuels/reg\\_cdfhfdx.pdf](http://concours.ref-union.org/reglements/actuels/reg_cdfhfdx.pdf)

#### EPC WW DX Contest

12:00 UTC 27 February to 12:00 UTC 28 February

Mode: BPSK125

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op All Band - High or Low - 24 or 12; Single Op Single Band - High or Low; Single Op Low Bands - High or Low; Single Op High Bands - High or Low; Multi Op Single Transmitter - Old or Young; Multi Op Multi Transmitter - Old or Young

Max power: HP: 100 watts; LP: 10 watts

Exchange: RST and QSO No

QSO Points: 1 point per QSO with same country; 2 points per QSO on 80, 40 and 20 m with different country, same continent; 3 points per QSO on 15 and 10 m with different country, same continent; 4 points per QSO on 40, 20 and 15 m with different continent; 5 points per QSO on 10 m with different continent; 6 points per QSO on 80 m





with different continent; 3 points per QSO with maritime mobile  
 Multipliers: Each DXCC country once per band  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 28 March 2010  
 E-mail logs to: [epcwwdx\[at\]srars\[dot\]org](mailto:epcwwdx[at]srars[dot]org)  
 Mail logs to: (none)  
 Find rules at:  
[http://www.epcwwdx.srars.org/index.php?option=com\\_content&view=article&id=44:epc-ww-dx-contest-rules-2010&catid=34:contest-rules&Itemid=59](http://www.epcwwdx.srars.org/index.php?option=com_content&view=article&id=44:epc-ww-dx-contest-rules-2010&catid=34:contest-rules&Itemid=59)

#### UBA DX CW Contest

13:00 UTC 27 February to 13:00 UTC 28 February  
 Mode: CW  
 Bands: 80, 40, 20, 15 and 10 m  
 Classes: Single Op All Band - Low or High; Single Op Single Band - Low or High; Single Op QRP; Multi-Single; SWL  
 Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts  
 Exchange: ON: RST, Serial No and province; non-ON: RST and Serial No  
 Work stations: Once per band  
 QSO Points: 10 points per QSO with Belgian station; 3 points per QSO with other EU stations; 1 point per QSO with non-EU stations  
 Multipliers: Each Belgian province once per band; Each Belgian prefix once per band; Each EU DXCC country once per band  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 30 March 2010  
 E-mail logs to: [ubacw\[at\]uba\[dot\]be](mailto:ubacw[at]uba[dot]be)  
 Mail logs to: UBA HF Manager, Carine Ramon, ON7LX, Bruggesteeweg 77, B-8755 Ruiselede, Belgium  
 Find rules at:  
[http://www.uba.be/sites/default/files/uploads/hf\\_contests/ubatest\\_dx.pdf](http://www.uba.be/sites/default/files/uploads/hf_contests/ubatest_dx.pdf)

#### Mississippi QSO Party

15:00 UTC 27 February to 03:00 UTC 28 February

Mode: CW, SSB  
 Bands: 80, 40, 20, 15, 10 and VHF/UHF  
 Classes: Single Op; Mobile; Portable  
 Exchange: MS: RS(T) and county; non-MS: RS(T) and state, province or country  
 Work stations: Once per band per mode  
 QSO Points: 1 point QSO  
 Multipliers: MS stations: Each MS county, state, province and DXCC country; Non-MS stations: Each MS county  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 31 March 2010  
 E-mail logs to: (none)  
 Mail logs to: Vicksburg ARC, 64 Lake Circle Drive, Vicksburg, MS 39180, USA  
 Find rules at:  
<http://www.arrlmiss.org/msqso2010.pdf>

#### North American RTTY QSO Party

18:00 UTC 27 February to 06:00 UTC 28 February  
 Mode: RTTY  
 Bands: 80, 40, 20, 15 and 10 m  
 Classes: Single Op - QRP or Low; Multi-Two - Low  
 Max operating hours: Single Op: 10 hours; Multi-Two: 12 hours  
 Max power: LP: 100 watts; QRP: 5 watts  
 Exchange: NA: Name and state, province or country; non-NA: Name  
 Work stations: Once per band  
 QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station  
 Multipliers: Each US state, including KH6/KL7, once per band; Each VE province/territory once per band; Each North American country, except W/VE, once per band  
 Score Calculation: Total score = total QSO points x total mults  
 Submit logs by: 13 March 2010  
 E-mail logs to: (see rules, web upload preferred)  
 Upload log at:  
<http://www.ncjweb.com/naqplotsbmit.php>





Mail logs to: Shelby Summerville, K4WW,  
6506 Lantana Ct., Louisville, KY 40229-1544,  
USA

Find rules at:

<http://www.ncjweb.com/naqprules.php>

CQC Winter QSO Sprint

01:00 - 02:59 UTC 28 February

Mode: CW

Bands: 80, 40 and 20 m

Classes: (none)

Max power: 5 watts

Exchange: Member: RST, state, province or  
country, name and CQC member no; non-  
Member: RST, state, province or country,  
name and power

Work stations: Once per band

QSO Points: 4 points per QSO with non-  
member; 6 points per QSO with member

Bonus: 1000 points for one or more QSOs  
with WOCQC

Multipliers: Each state, province or country  
once per band

Score Calculation: Total score = (total QSO  
points x total mults) and bonus points

Submit logs by: 30 March 2010

E-mail logs to: [ki0rb@arrl.net](mailto:ki0rb@arrl.net)

Mail logs to: (none)

Find rules at:

<http://www.cqc.org/contests/winter10.htm>

High Speed Club CW Contest

09:00 - 11:00 UTC 28 February and 15:00 -  
17:00 UTC 28 February

Mode: CW

Bands: 80, 40, 20, 15 and 10 m

Classes: HSC Members; Non-Members; QRP;  
SWL

Max power: 150 watts; QRP: 5 watts

Exchange: Members: RST and HSC No; non-  
Members: RST and "NM"

Work stations: Once per band per period

QSO Points: 5 points per QSO with a HSC  
member; 1 points per QSO with a non-  
member

Multipliers: (none)

Score Calculation: Total score = total QSO  
points

Submit logs by: 21 March 2010

E-mail logs to:

[hsccontest@googlemail.com](mailto:hsccontest@googlemail.com)

Mail logs to: Jo Mertens, DJ4EY, HSC Con-  
test Manager, Am Muhlebruch 32, 59581  
Warstein, Germany

Find rules at:

<http://www.fmcnet.de/hsc/en/contests.html>

North Carolina QSO Party

17:00 UTC 28 February to 03:00 UTC 1  
March

Mode: CW, SSB

Bands: 80, 40, 20, 15 and 10 m

Classes: Single Op Mixed - NC or non-NC;  
Single Op SSB - NC or non-NC; NC Mobile;  
NC Club Mixed; NC Club SSB; Single Op QRP  
- NC or non-NC

Exchange: NC: County; non-NC: state, prov-  
ince or country

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 3  
points per CW QSO; 3 points per NC mobile  
QSO (regardless of mode)

Bonus Points: 50 points for at least one QSO  
with Cherokee or Dare counties; 150 points  
for both; Bonus Points: 50 points for at least  
one QSO with W4NC or W4WS; 150 points  
for both; Bonus Points for NC Mobiles: 100  
points for each county activated

Multipliers: NC stations: Each NC county,  
state, province and one DXCC country once;  
Non-NC stations: Each NC county once

Score Calculation: Total score = (total QSO  
points x total mults) and bonus points

Submit logs by: 1 April 2010

E-mail logs to: [ncqp@windstream.net](mailto:ncqp@windstream.net)

Mail logs to: NC QSO Party, c/o Henry  
Heidtman, W2DZO, 8812 Merry Hill Court,  
Lewisville, NC 27023, USA

Find rules at:

<http://www.w4nc.com/2010ncqsoparty.html>

## Next Week's Contests

ARS Spartan Sprint, 02:00 - 04:00 UTC 2 March

"Education is the most powerful weapon which you can use to change the world." Nelson Mandela





AGCW YL-CW Party, 19:00 - 21:00 UTC 2 March

ARRL International DX SSB Contest, 00:00 UTC 6 March to 24:00 UTC 7 March

Wake-Up! QRP Sprint, 06:00 - 06:29 UTC 6 March; 06:30 - 06:59 UTC 6 March; 07:00 - 07:29 UTC 6 March; 07:30 - 08:00 UTC 6 March

Open Ukraine RTTY Championship, 20:00 - 21:59 UTC 6 March (Low Band); 22:00 - 23:59 UTC 6 March (Low Band); 08:00 - 11:59 UTC 7 March (High Band)

UBA Spring CW Contest, 07:00 - 11:00 UTC 7 March

DARC 10 Metre Digital Contest, 11:00 - 17:00 UTC 7 March

**SARL Hamnet 40m Simulated Emergency Contest, 12:00 - 14:00 UTC 7 March**

CLARA HF Contest, 17:00 UTC 9 March to 17:00 UTC 10 March and 17:00 UTC 13 March to 17:00 UTC 14 March

### *This week in History*

1878 Edison patents his Phonograph

1893 Tesla describes his wireless radiation system.

*Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslite, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, Q-News, the RSGB News, Maurice, F5NQL, Southgate ARC and Pete's DX Newsdesk.*

*Newsletter editors are most welcome to use material from HF Happenings, just remember to acknowledge the source (which could be any one of the names mentioned above). HF Happenings can be provided in MS Word format.*

